

TOILET BOWL WITH WARM-WATER FLUSH SYSTEM

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Inventor: NAKAO KAZUYOSHI; IKEDA KOJI; OISHI RYUTA

Applicant: TOTO LTD

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Abstract of JP2003051238

PROBLEM TO BE SOLVED: To prevent breakages due to application of overvoltage of a circuit of a toilet bowl 16 with a warm-water flush system, by cutting off a power supply to the toilet bowl 16 with the warm-water flush system, when the overvoltage is applied to a power-supply plug 6, and making numerous troubles and labor hours such as for disassembling with parts replacement, the parts replacement, reassembling and actuation confirmation or the like unnecessary, even if overvoltage prevention device 1 is destroyed, when overvoltage is applied to the overvoltage prevention device 1.

SOLUTION: An overvoltage protection circuit 10 is built in the inside of a plug-type electricity leakage protective-detection device 1 and the circuit of the toilet bowl 16 with the warm-water flush system is protected from being breaking down. Because the electricity leakage protective-detection device 1 is made to be a separate body from the toilet bowl with the warm-water flush system and is built in a plug part of an outlet for a domestic use, it can be immediately replaced, when the electricity leakage protective-detection device 1 is destroyed.

